ELSEVIER

Journal of Alloys and Compounds 313 (2000) 277

Journal of ALLOYS AND COMPOUNDS

www.elsevier.com/locate/jallcom

Author Index of Volume 313

Ahn, I.-S., 214
Anderson, I.E., 47
Anderson, M.L., 47
Ashour, A.H., 224

Balema, V.P., 69
Bando, Y., 1
Bánki, P., 34
Bein, S., 133
Belozerov, E.V., 7
Blachowski, A., 182
Brück, E., 21
Buschow, K.H.J., 21

Chanda, A., 104
Chiou, S.-L., 263
Cieślak, J., 182
Colinet, C., 133
Cuevas, F., 269

da Silva, M.R., 168
de Boer, F.R., 21
De, M., 104
Dennis, K.W., 69
Ding, B.Z., 209, 218
Dorantes-Rosales, H.J., 154
Dubiel, S.M., 182
Duong, N.P., 21
Durand-Charre, M., 133

Echizen, Y., 1
El-Eskandarany, M.S., 224
Ermolenko, A.S., 7

Fateev, G.A., 174
Filoti, G., 13
Fischer, P., L10
Flükiger, R., L19
Franzen, H.F., 75
Froes, F.H., 201
Fukai, Y., 121

Gladyshevskii, R.E., L19
Goo, N.H., 258
Goto, Y., 121
Gulay, L.D., 42, 144
Guo, Q., 77, 148

Ha, C.-G., 248
Hagmusa, I.H., 21
Han, S.-C., 174
Harada, H., 115
Hassen, M.A., 95
Hernández-Silva, D., 154
Hirscher, M., 269
Hsu, Y.-S., 263
Hu, Z.Q., 209, 218
Hur, S.-K., 248

Iida, J., 59
Ishii, Y., 121
Isobe, M., 59

Jakubowicz, J., 192
Jang, K.-J., 174
Jeong, W.T., 258
Jianu, A., 13
Jingqi, L., 93
Jung, Y.-G., 248
Jurczyk, M., 192

Kalychak, Ya.M., 42
Kamegashira, N., L1
Katoh, K., 1
Khrabrov, V.I., 7
Kim, S.-S., 214
Kimizuka, N., 59
Kleppa, O.J., 77, 148
Kozlov, V.M., 161
Krishnan, K., 65
Kuchin, A.G., 7
Kurosaki, K., 242
Kyek, A., 13

Lasanda, G., 34
Lee, D.-J., 214
Lee, H.Y., 258
Lee, J.-S., 214
Lee, J.-Y., 174
Lee, K.S., 258
Lee, K.-M., 214
Lee, P., 174
Leute, V., 85
López-Hirata, V.M., 154
Łukaszewicz, K., 42

Macovei, D., 13
Maeda, Y., 1
Makino, Y., 235
Manaila, R., 13
Matsumoto, A., 53
Matutes Aquino, J., L15
McColm, I.J., 95
Méndez-Velázquez, J.L., 154
Miyake, S., 235
Mori, T., L1
Murakami, H., 115

Nakae, H., 188
Nespolo, M., 59
Neto, J.M., 168
Nishimiya, N., 53

Oh, C.-S., 115

Paik, U., 248
Palade, P., 13
Park, J.-G., 174
Park, M.-W., 214
Pecharsky, V.K., 69
Peraldo Bicelli, L., 161
Perng, T.-P., 263
Pirogov, A.N., 7
Popescu, R., 13

Renaudin, G., L10

Salamakha, P., L5
Salishchev, G.A., 201
Sánchez Ll., J.L., L15
Santana Gil, A.D., L15
Saucedo-Muñoz, M.L., 154
Senkov, O.N., 201
Sepiol, B., 182
Shagiev, M.R., 201
Shcherban, O.O., L19
Shin, J.-H., 248
Shunkang, P., 93
Singh Mudher, K.D., 65
Smardz, K., 192
Smardz, L., 192
Sologub, O., L5
Suemitsu, T., L5, 1

Takabatake, T., L5, 1
Takagi, K., 1
Tavares, S.S.M., 168
Teplykh, A.E., 7
Tokushima, H., 1
Tompa, K., 34
Torres-Garibay, C., L15
Tsutsumi, K., 53

Umeo, K., 1
Uno, M., 242

Venturini, G., 26
Vityk, N.Z., L19

Wada, T., 53
Wagner, F.E., 13
Wang, A.M., 218
Wang, J., 77, 148
Wang, P., 209, 218
Watanabe, K., 121
Wołcyrz, M., 42

Yamada, K., 242
Yamanaka, S., 242
Yang, C.C., 188
Yano, K., 242
Yashina, L., 85
Yinghong, Z., 93
Yvon, K., L10

Zeng, L., 75
Zhang, H.F., 209, 218
Zukrowski, J., 182

Elsevier Science B.V.
PII: S0925-8388(00)01297-4

ELSEVIER

Journal of Alloys and Compounds 313 (2000) 279–282

Journal of ALLOYS AND COMPOUNDS

www.elsevier.com/locate/jallcom

Subject Index of Volume 313

Actinide alloys
standard enthalpies of formation of some Th alloys with Group VIII elements (Co, Ni, Ru, Rh, Pd, Ir and Pt), determined by high-temperature direct synthesis calorimetry 77
Actinide compounds
large thermoelectric power in several metallic compounds of cerium and uranium 1
crystal structure of $K_4Pu(SO_4)_4 \cdot 2H_2O$ 65
standard enthalpies of formation of $ThAl_2$, $ThSi_2$, $ThGe_2$ and Th_5Sn_3, determined by high-temperature direct synthesis calorimetry 148
Alloys
X-ray characterization of the microstructure of α-CuTi alloys by Rietveld's method 104
microstructure characterization of phase transformations in a Zn–22 wt%Al–2 wt%Cu alloy by XRD, SEM, TEM and FIM 154
Aluminum foam
foaming characteristics control during production of aluminum alloy foam 188
Amorphous antimony
influence of temperature and of structure of antimony substrate on gallium diffusion into the GaSb semiconductor compound 161
Amorphous materials
the surface state of nanocrystalline and amorphous Mg_2Ni alloys prepared by mechanical alloying 258
Anisotropy
magnetic properties of $TbFe_4Al_8$ 21
Annealing effects
gas atomization of metal hydrides for Ni–MH battery applications 47

Calorimetry
standard enthalpies of formation of some Th alloys with Group VIII elements (Co, Ni, Ru, Rh, Pd, Ir and Pt), determined by high-temperature direct synthesis calorimetry 77
standard enthalpies of formation of $ThAl_2$, $ThSi_2$, $ThGe_2$ and Th_5Sn_3, determined by high-temperature direct synthesis calorimetry 148
Casting
foaming characteristics control during production of aluminum alloy foam 188
Cerium
crystal structure of ternary CeRhX compounds, X=As, Sb, Bi L5
Chemical synthesis
crystal structure and Charge Distribution of $ErFeMnO_4$ 59
Cooling power
techniques for metal hydride thermal energy conversion and their optimization 174
Crystal binding
estimation of bulk moduli of compounds by empirical relations between bulk modulus and interatomic distance 235
Crystalline antimony
influence of temperature and of structure of antimony substrate on gallium diffusion into the GaSb semiconductor compound 161
Crystal structure
crystal structure of RNiPb (R=Y, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Lu) compounds 42
crystal structure of $K_4Pu(SO_4)_4 \cdot 2H_2O$ 65
refinement of the crystal structure of Ge_3Nd_5 75
crystal structure of ternary CeRhX compounds, X=As, Sb, Bi L5
on the synthesis of the new intermetallic phase $Nd_3(Fe,W)_{29}$ L15
the La–Y–Ag system: isothermal section at 700°C and hardness of the intermetallic phases L19
Crystal structure and symmetry
crystal structure and Charge Distribution of $ErFeMnO_4$ 59
Crystal structure determination
neodymium trihydride, NdH_3, with tysonite type structure L10

Diffusion coefficient
influence of temperature and of structure of antimony substrate on gallium diffusion into the GaSb semiconductor compound 161
Dy–Ni–Ti phase diagram
isothermal section of the phase diagram of the ternary system Dy–Ni–Ti at 773 K 93
Dysprosium nickel titanium
isothermal section of the phase diagram of the ternary system Dy–Ni–Ti at 773 K 93

Electrochemical testing
gas atomization of metal hydrides for Ni–MH battery applications 47
Electrode materials
electrochemical hydrogenation behavior of C15-type $Zr(Mn,Ni)_2$ alloy electrodes 263
Electronic state
estimation of bulk moduli of compounds by empirical relations between bulk modulus and interatomic distance 235
Energy storage materials
hydrogenation characteristics of Mg–TiO_2 (rutile) composite 218
Enthalpy
standard enthalpies of formation of some Th alloys with Group VIII elements (Co, Ni, Ru, Rh, Pd, Ir and Pt), determined by high-temperature direct synthesis calorimetry 77
the preparation of high hydrogen content yttrium silicide carbides with reversible storage potential 95
standard enthalpies of formation of $ThAl_2$, $ThSi_2$, $ThGe_2$ and Th_5Sn_3, determined by high-temperature direct synthesis calorimetry 148
Entropy
the preparation of high hydrogen content yttrium silicide carbides with reversible storage potential 95
Equation of state
estimation of bulk moduli of compounds by empirical relations between bulk modulus and interatomic distance 235

Foaming characteristic
foaming characteristics control during production of aluminum alloy foam 188

Elsevier Science B.V.
PII: S0925-8388(00)01297-4

Gas atomization
gas atomization of metal hydrides for Ni–MH battery applications 47
GaSb semiconductor compound
influence of temperature and of structure of antimony substrate on gallium diffusion into the GaSb semiconductor compound 161
Gas phase hydrogen sorption
gas atomization of metal hydrides for Ni–MH battery applications 47
Gas–solid reaction
the preparation of high hydrogen content yttrium silicide carbides with reversible storage potential 95
Gas–solid reactions
hydriding characteristics of zirconium-substituted FeTi 53
direct hydrogenation of Mg and decomposition behavior of the hydride formed 209
hydrogenation characteristics of Mg–TiO_2 (rutile) composite 218
mechanically induced gas–solid reaction for the synthesis of nanocrystalline ZrN powders and their subsequent consolidations 224
electrochemical hydrogenation behavior of C15-type $Zr(Mn,Ni)_2$ alloy electrodes 263
Ge_3Nd_5 compound
refinement of the crystal structure of Ge_3Nd_5 75

Harper-Barnes line-shape
hydrogen occupancy, ^1H NMR spectrum and second moment of Zr_xNi_{1-x}–H metallic glasses 34
Heat transfer
techniques for metal hydride thermal energy conversion and their optimization 174
High temperature alloys
effect of thermal treatment on the atomic ordering of mechanically alloyed Al_3Nb 214
Hydrogen absorbing materials
surface analysis of polycrystalline and nanocrystalline $LaNi_5$-type alloys 192
hydrogenation characteristics of Mg–TiO_2 (rutile) composite 218
electrochemical hydrogenation behavior of C15-type $Zr(Mn,Ni)_2$ alloy electrodes 263
Hydrogen diffusion
the hydrogen desorption kinetics of Pd-coated $LaNi_5$-type films 269
Hydrogen storage materials
hydriding characteristics of zirconium-substituted FeTi 53
the preparation of high hydrogen content yttrium silicide carbides with reversible storage potential 95
direct hydrogenation of Mg and decomposition behavior of the hydride formed 209
the surface state of nanocrystalline and amorphous Mg_2Ni alloys prepared by mechanical alloying 258

Insulators
estimation of bulk moduli of compounds by empirical relations between bulk modulus and interatomic distance 235
mechanical characterization in PSZ/NiCrAlY composites fabricated by plasma activated sintering 248
Intermetallic compounds
standard enthalpies of formation of some Th alloys with Group VIII elements (Co, Ni, Ru, Rh, Pd, Ir and Pt), determined by high-temperature direct synthesis calorimetry 77
Intermetallics
hydriding characteristics of zirconium-substituted FeTi 53
crystal structure of ternary CeRhX compounds, X=As, Sb, Bi L5
Intermetallics, nanostructures
high temperature mechanical properties of a submicrocrystalline Ti–47Al–3Cr alloy produced by mechanical alloying and hot isostatic pressing 201
Interstitial alloys
the preparation of high hydrogen content yttrium silicide carbides with reversible storage potential 95
direct hydrogenation of Mg and decomposition behavior of the hydride formed 209

$LaNi_5$
the hydrogen desorption kinetics of Pd-coated $LaNi_5$-type films 269
Lithium aluminum hydride
solid state phase transformations in $LiAlH_4$ during high-energy ball-milling 69

Magnetically ordered compounds
magnetic properties of $TbFe_4Al_8$ 21
Magnetically ordered materials
magnetic study of $HfFe_6Ge_6$-type solid solutions $TbMn_6Ge_{6-x}Ga_x$ ($0.05 \le x \le 0.60$) and $TmMn_6Ge_{6-x}Ga_x$ ($0.2 \le x \le 1.0$) 26
Magnetic measurements
magnetic and structural properties of $Ce_2Fe_{17-x}Mn_x$ compounds 7
magnetic properties of $TbFe_4Al_8$ 21
magnetic property changes during embrittlement of a duplex stainless steel 168
Magnetic phase diagram
magnetic and structural properties of $Ce_2Fe_{17-x}Mn_x$ compounds 7
Magnetization
on the synthesis of the new intermetallic phase $Nd_3(Fe,W)_{29}$ L15
Magnetocrystalline anisotropy
magnetic study of $HfFe_6Ge_6$-type solid solutions $TbMn_6Ge_{6-x}Ga_x$ ($0.05 \le x \le 0.60$) and $TmMn_6Ge_{6-x}Ga_x$ ($0.2 \le x \le 1.0$) 26
Mechanical alloying
direct hydrogenation of Mg and decomposition behavior of the hydride formed 209
effect of thermal treatment on the atomic ordering of mechanically alloyed Al_3Nb 214
hydrogenation characteristics of Mg–TiO_2 (rutile) composite 218
Mechanical alloying, powder metallurgy
high temperature mechanical properties of a submicrocrystalline Ti–47Al–3Cr alloy produced by mechanical alloying and hot isostatic pressing 201
mechanically induced gas–solid reaction for the synthesis of nanocrystalline ZrN powders and their subsequent consolidations 224
the surface state of nanocrystalline and amorphous Mg_2Ni alloys prepared by mechanical alloying 258
Mechanical properties
X-ray characterization of the microstructure of α-CuTi alloys by Rietveld's method 104
high temperature mechanical properties of a submicrocrystalline Ti–47Al–3Cr alloy produced by mechanical alloying and hot isostatic pressing 201
estimation of bulk moduli of compounds by empirical relations between bulk modulus and interatomic distance 235
mechanical characterization in PSZ/NiCrAlY composites fabricated by plasma activated sintering 248
Mechanical property
a molecular dynamics study on plutonium mononitride 242
Mechanochemistry
solid state phase transformations in $LiAlH_4$ during high-energy ball-milling 69
Metal foam
foaming characteristics control during production of aluminum alloy foam 188
Metal hydride
techniques for metal hydride thermal energy conversion and their optimization 174

Metal hydride powders
gas atomization of metal hydrides for Ni–MH battery applications 47
Metal–hydrogen system
hydrogen occupancy, ^{1}H NMR spectrum and second moment of Zr_xNi_{1-x}–H metallic glasses 34
Metals
estimation of bulk moduli of compounds by empirical relations between bulk modulus and interatomic distance 235
mechanical characterization in PSZ/NiCrAlY composites fabricated by plasma activated sintering 248
Metastable phases
the hydrogen desorption kinetics of Pd-coated $LaNi_5$-type films 269
Molecular dynamics
a molecular dynamics study on plutonium mononitride 242
Molten and solid gallium
influence of temperature and of structure of antimony substrate on gallium diffusion into the GaSb semiconductor compound 161
Mössbauer spectroscopy
^{197}Au and ^{57}Fe Mössbauer study of Au-substituted Al–Cu–Fe quasi-crystalline alloys 13
on the kinetics of the α–σ phase transformation in an Al-doped Fe–Cr alloy 182

Nanofabrications
mechanically induced gas–solid reaction for the synthesis of nanocrystalline ZrN powders and their subsequent consolidations 224
Neodymium hydrides
neodymium trihydride, NdH_3, with tysonite type structure L10
Neutron diffraction
magnetic and structural properties of $Ce_2Fe_{17-x}Mn_x$ compounds 7
neodymium trihydride, NdH_3, with tysonite type structure L10
Nitride materials
mechanically induced gas–solid reaction for the synthesis of nanocrystalline ZrN powders and their subsequent consolidations 224
NMR spectrum
hydrogen occupancy, ^{1}H NMR spectrum and second moment of Zr_xNi_{1-x}–H metallic glasses 34
Numerical simulation
techniques for metal hydride thermal energy conversion and their optimization 174

Order–disorder effects
crystal structure and Charge Distribution of $ErFeMnO_4$ 59

Palladium
formation of superabundant vacancies in Pd–H alloys 121
Pd-coating
the hydrogen desorption kinetics of Pd-coated $LaNi_5$-type films 269
Phase diagram
the phase diagrams of the quasibinary systems (Pb,Ge)Te and (Ge,Sn)Te 85
thermodynamic evaluation of the Mo–Ru system 115
CVM calculation of the ternary system Co–Cu–Fe 133
the La–Y–Ag system: isothermal section at 700°C and hardness of the intermetallic phases L19
Phase equilibria
investigation of phase diagram of the Y–Cu–Pb system at 870 K 144
Phase transformation
on the kinetics of the α–σ phase transformation in an Al-doped Fe–Cr alloy 182
Phase transition
microstructure characterization of phase transformations in a Zn–22 wt%Al–2 wt%Cu alloy by XRD, SEM, TEM and FIM 154
Phase transitions
hydriding characteristics of zirconium-substituted FeTi 53
X-ray characterization of the microstructure of α-CuTi alloys by Rietveld's method 104
magnetic property changes during embrittlement of a duplex stainless steel 168
Phenomena, nothing
the layered structure of La substituted $SrMnO_3$ L1
Photoelectron spectroscopy
surface analysis of polycrystalline and nanocrystalline $LaNi_5$-type alloys 192
the surface state of nanocrystalline and amorphous Mg_2Ni alloys prepared by mechanical alloying 258
Plutonium mononitride
a molecular dynamics study on plutonium mononitride 242
Powder metallurgy
mechanical characterization in PSZ/NiCrAlY composites fabricated by plasma activated sintering 248
Preparation and Processing, chemical synthesis
the layered structure of La substituted $SrMnO_3$ L1

Quasicrystals
^{197}Au and ^{57}Fe Mössbauer study of Au-substituted Al–Cu–Fe quasi-crystalline alloys 13

Rare earth alloys
surface analysis of polycrystalline and nanocrystalline $LaNi_5$-type alloys 192
the La–Y–Ag system: isothermal section at 700°C and hardness of the intermetallic phases L19
Rare earth compounds
large thermoelectric power in several metallic compounds of cerium and uranium 1
magnetic properties of $TbFe_4Al_8$ 21
magnetic study of $HfFe_6Ge_6$-type solid solutions $TbMn_6Ge_{6-x}Ga_x$ ($0.05 \le x \le 0.60$) and $TmMn_6Ge_{6-x}Ga_x$ ($0.2 \le x \le 1.0$) 26
crystal structure of RNiPb (R=Y, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Lu) compounds 42
on the synthesis of the new intermetallic phase $Nd_3(Fe,W)_{29}$ L15
Rare earth-iron compounds
magnetic and structural properties of $Ce_2Fe_{17-x}Mn_x$ compounds 7
Rietveld refinement
crystal structure of ternary CeRhX compounds, X=As, Sb, Bi L5

Scanning and transmission electron microscopy
microstructure characterization of phase transformations in a Zn–22 wt%Al–2 wt%Cu alloy by XRD, SEM, TEM and FIM 154
Scanning electron microscopy
X-ray characterization of the microstructure of α-CuTi alloys by Rietveld's method 104
mechanical characterization in PSZ/NiCrAlY composites fabricated by plasma activated sintering 248
Second moment
hydrogen occupancy, ^{1}H NMR spectrum and second moment of Zr_xNi_{1-x}–H metallic glasses 34
Semiconducting materials
the phase diagrams of the quasibinary systems (Pb,Ge)Te and (Ge,Sn)Te 85
Semiconductors
crystal structure and Charge Distribution of $ErFeMnO_4$ 59
Solid-echo
hydrogen occupancy, ^{1}H NMR spectrum and second moment of Zr_xNi_{1-x}–H metallic glasses 34

Solid state catalysis
solid state phase transformations in $LiAlH_4$ during high-energy ball-milling 69
Structural Characterization, crystal structure and symmetry, X-ray diffraction
the layered structure of La substituted $SrMnO_3$ L1
Structural materials
microstructure characterization of phase transformations in a Zn–22 wt%Al–2 wt%Cu alloy by XRD, SEM, TEM and FIM 154
magnetic property changes during embrittlement of a duplex stainless steel 168
Superabundant vacancy
formation of superabundant vacancies in Pd–H alloys 121

Ternary intermetallic compound
investigation of phase diagram of the Y–Cu–Pb system at 870 K 144
Ternary isothermal section
isothermal section of the phase diagram of the ternary system Dy–Ni–Ti at 773 K 93
Thermal analysis
effect of thermal treatment on the atomic ordering of mechanically alloyed Al_3Nb 214
Thermal desorption spectroscopy
the hydrogen desorption kinetics of Pd-coated $LaNi_5$-type films 269
Thermal energy conversion
techniques for metal hydride thermal energy conversion and their optimization 174
Thermal property
a molecular dynamics study on plutonium mononitride 242
Thermodynamic modelling
thermodynamic evaluation of the Mo–Ru system 115
CVM calculation of the ternary system Co–Cu–Fe 133
Thermodynamic properties
hydriding characteristics of zirconium-substituted FeTi 53
the phase diagrams of the quasibinary systems (Pb,Ge)Te and (Ge,Sn)Te 85
Thermoelectric
large thermoelectric power in several metallic compounds of cerium and uranium 1
Titanium hydride
foaming characteristics control during production of aluminum alloy foam 188
Transition metal alloys
standard enthalpies of formation of some Th alloys with Group VIII elements (Co, Ni, Ru, Rh, Pd, Ir and Pt), determined by high-temperature direct synthesis calorimetry 77
thermodynamic evaluation of the Mo–Ru system 115
CVM calculation of the ternary system Co–Cu–Fe 133
magnetic property changes during embrittlement of a duplex stainless steel 168
on the kinetics of the α–σ phase transformation in an Al-doped Fe–Cr alloy 182
surface analysis of polycrystalline and nanocrystalline $LaNi_5$-type alloys 192
effect of thermal treatment on the atomic ordering of mechanically alloyed Al_3Nb 214
Transition metal compounds
^{197}Au and ^{57}Fe Mössbauer study of Au-substituted Al–Cu–Fe quasi-crystalline alloys 13
magnetic properties of $TbFe_4Al_8$ 21
magnetic study of $HfFe_6Ge_6$-type solid solutions $TbMn_6Ge_{6-x}Ga_x$ ($0.05 \le x \le 0.60$) and $TmMn_6Ge_{6-x}Ga_x$ ($0.2 \le x \le 1.0$) 26
crystal structure of RNiPb (R=Y, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Lu) compounds 42
electrochemical hydrogenation behavior of C15-type $Zr(Mn,Ni)_2$ alloy electrodes 263
on the synthesis of the new intermetallic phase $Nd_3(Fe,W)_{29}$ L15
Type of Materials, magnetically ordered materials
the layered structure of La substituted $SrMnO_3$ L1

Vacancy–hydrogen cluster
formation of superabundant vacancies in Pd–H alloys 121
Vacancy–hydrogen interaction
formation of superabundant vacancies in Pd–H alloys 121
Valence fluctuations
large thermoelectric power in several metallic compounds of cerium and uranium 1

X-ray analysis
investigation of phase diagram of the Y–Cu–Pb system at 870 K 144
X-ray and X-ray spectroscopies
crystal structure and Charge Distribution of $ErFeMnO_4$ 59
X-ray diffraction
crystal structure of RNiPb (R=Y, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Lu) compounds 42
crystal structure of $K_4Pu(SO_4)_4 \cdot 2H_2O$ 65
X-ray characterization of the microstructure of α-CuTi alloys by Rietveld's method 104
formation of superabundant vacancies in Pd–H alloys 121
microstructure characterization of phase transformations in a Zn–22 wt%Al–2 wt%Cu alloy by XRD, SEM, TEM and FIM 154
magnetic property changes during embrittlement of a duplex stainless steel 168
on the synthesis of the new intermetallic phase $Nd_3(Fe,W)_{29}$ L15
the La–Y–Ag system: isothermal section at 700°C and hardness of the intermetallic phases L19
X-ray powder diffraction
crystal structure of ternary CeRhX compounds, X=As, Sb, Bi L5